

Converting Colors

Hex(3A1946)

Have a look what the booklet for
Hex(3A1946) contains.

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Color

Hex(3A1946)

Conversions

Conversions Part 1

Format	Color
Hex	3A1946
RGB	58, 25, 70
RGB Percent	23%, 10%, 27%
CMY	0.7725, 0.9020, 0.7255
CMYK	0.17, 0.64, 0.00, 0.73
HSL	284°, 47%, 19%
HSV	284°, 64%, 27%
XYZ	3.1980, 2.0370, 6.0190
YIQ	39.9970, 5.2230, 20.9910

Conversions

Conversions Part 2

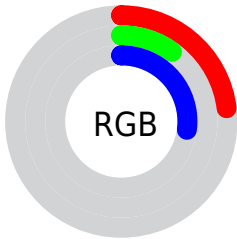
Format	Color
R_{YB}	58, 25, 70
Decimal	3807558
CIE Lab	15.68, 24.87, -21.57
CIE LCh	16, 32.915, 319.064
Yxy	2.0370, 0.2842, 0.1810
Android (android.graphics.Color)	4281997638 (0xFF3A1946)
YUV	39.9970, 14.7915, 15.7886
Hunter-Lab	14.2723, 15.0204, -15.0133

Details

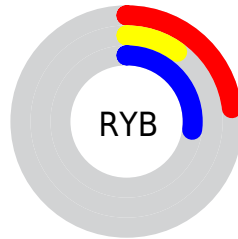
The Hex color **3A1946** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **254619**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **6B4677**, and **00001A** is the 20% darker color. If you saturate the color by 10%, you get **381246**, and if you desaturate by 10%, it is **3C2046**.

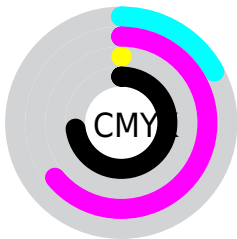
Distribution



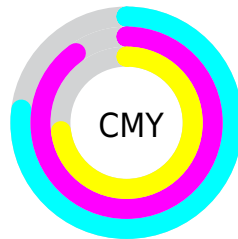
- Red (23%)
- Green (10%)
- Blue (27%)



- Red (23%)
- Yellow (10%)
- Blue (27%)



- Cyan (17%)
- Magenta (64%)
- Yellow (0%)
- Black (73%)



- Cyan (77%)
- Magenta (90%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A1946 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3A1946 by changing the saturation by 10% instead.



3A1946



3A1946

FFFFFF



24022F



6B4677



00001A



845E90



000000



9F77AB



BA91C6



D6ACE3



F3C8FF



FFE4FF



3A1946



3A1946

■ 381246

■ 3C2046

■ 360B46

■ 3E2746

■ 340446

■ 402E46

■ 330046

■ 413546

■ 433C46

■ 454346

■ 474A46

■ 495146

■ 4B5846

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0F2554



3A1946



4C0D31

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3A1946



392300



003136

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3A1946



254619

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00311D



3A1946



242A00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3A1946



481800



042F02



00304A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3A1946



500B21



042F02



00312E

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3A1946



574A5C



192546



2B232E



ADADAD



2E2E2E

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3A1946



49155C



46193C



232024



490063



A600E3

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



461925



5C1528



194624



242021



63001B



E3003D

Previews

White Background



This preview shows how the Hex color 3A1946 looks on a white background.

Color Contrast Check

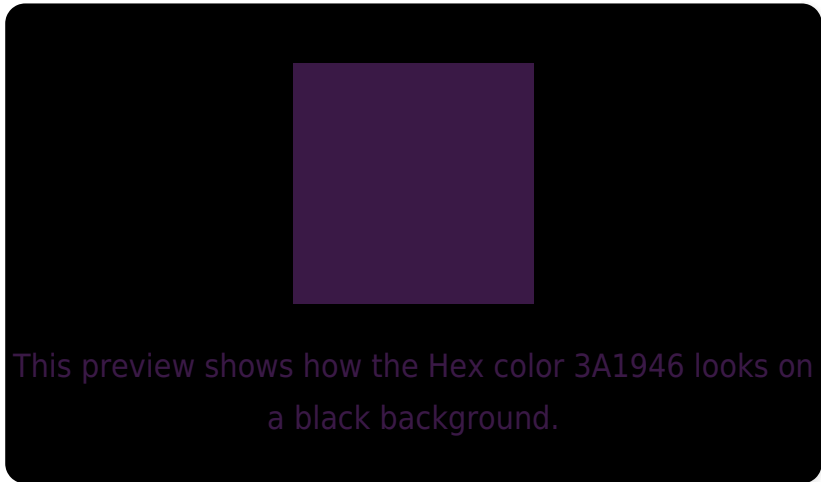
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

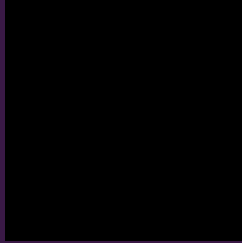
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3A1946 Background



This preview shows how black text looks on a background with the Hex color 3A1946.



This preview shows how white text looks on a background with the Hex color 3A1946.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
3A1946

Protanopia
002752

Deuteranopia
152843

Trichromacy



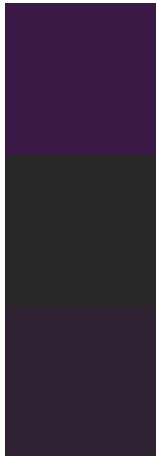
Original Color
3A1946

Protanomaly
15224E

Deuteranomaly
222344

Tritanomaly
371F31

Monochromacy



Original Color
3A1946

Achromatopsia
282828

Achromatomaly
2F2333

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A1946 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3A1946 looks like.

```
.text, #text, p{  
    color:#3A1946  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3A1946 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A1946
}
```

Border

The CSS property to change the border of an element to Hex 3A1946 is called "border". The border property can be set on classes, ids or directly on the HTML element.

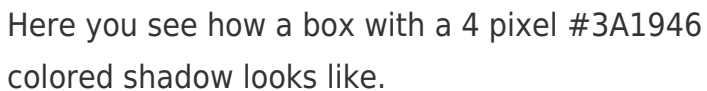
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A1946 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3A1946 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #3A1946 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A1946; -webkit-box-shadow:4px 4px  
4px 4px #3A1946; box-shadow:4px 4px 4px  
4px #3A1946 }
```

Background

The CSS property to change the background color of an element to Hex 3A1946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A1946 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3A1946 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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